



Atty. Dkt. No. PNTRD-01002

#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Zhu

Serial No. 09/863,550

Group Art. Unit: 2131

Filing Date: 05/22/01

Examiner Name: Unknown

Title: METHOD AND APPARATUS FOR WEB CACHING

RECEIVED

MAY 30 2003

Technology Center 2100

REVOCATION OF PRIOR POWER OF ATTORNEY AND NEW POWER OF ATTORNEY

Commissioner for Patents
Washington, DC 20231

Sir:

PointRed Technologies Inc., assignee, hereby revokes any and all previous Powers of Attorney in the above-entitled matter and hereby executes the following new Power of Attorney.

POWER OF ATTORNEY

Assignee, PointRed Technologies, hereby appoints Derek J. Westberg (Reg. No. 40,872) as attorney with full power of substitution and revocation to prosecute the application identified above and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address and direct all future communications regarding this application to:

Derek J. Westberg
Law Offices of Derek J. Westberg
2 North Second Street, Suite 1390
San Jose, CA. 95113
Tel.: (408) 293-9090

PointRed Technologies, Inc.,

Name: Umad H. Elzind
Chief Technology Officer

Dated May 17, 2003



Atty. Dkt. No. PNTRD-01002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Zhu

Serial No. 09/863,550

Group Art Unit: 2131

RECEIVED

Filing Date: 05/22/01

Examiner Name: Unknown

MAY 30 2003

Title: METHOD AND APPARATUS FOR WEB CACHING

Technology Center 2100

STATEMENT UNDER 37 CFR 3.73(b)

Commissioner for Patents
Washington, DC 20231

Sir:

PointRed Technologies, Inc., Inc. states that it is the assignee of the entire right, title and interest in the patent application/patent identified above by virtue of an assignment from the inventor(s), of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

PointRed Technologies, Inc.,

Dated May 17, 2003

Name: Ilhab H. Elzino
Title: Chief Technical Officer



RECEIVED

MAY 30 2003

CORPORATE TO CORPORATE ASSIGNMENT

Technology Center 2100

ZEUS COMMUNICATIONS, INC., ("Assignor"), a California corporation having a place of business at 441A West Trimble Road, San Jose, CA 95131, certifies that to the best of assignee's knowledge and belief it is the assignee of the following United States Letters Patent Applications and Provisional Applications (hereinafter "Said Inventions,")

No. 09/853,408 filed May 11, 2001, entitled:

Method and apparatus for cipher block chaining

No. 09/863,550 filed May 22, 2001, entitled:

Method and apparatus for web caching

No. 09/877,776 filed June 8, 2001, entitled:

Method and apparatus for pipelined hash

No. 60/202,856 filed May 11, 2000, entitled:

System and apparatus for implementing block cipher in ECB mode with high throughput

No. 60/205,913 filed May 22, 2000 entitled:

System and apparatus for implementing web cache

No. 60/209,209 filed June 5, 2000 entitled:

System and apparatus for boosting block cipher CBC mode throughput

No. 60/210,165 filed June 8, 2000 entitled:

System and apparatus for implementing one-way hash algorithms with high throughput

No. 60/202,857 filed May 11, 2000 entitled:

System and apparatus for implementing block cipher in CBC mode with high throughput preliminary class

WHEREAS, POINTRED TECHNOLOGIES, INC., having a place of business at 397 West Trimble Road #Building 2, San Jose, CA 95131, (hereinafter termed "Assignee"), is desirous of acquiring a portion of the Assignor's right, title and interest in and to Said Inventions, and in and to any and all patent applications, patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor to have been received in full from said Assignee:

1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to Said Inventions; (b) in and to all rights to apply for foreign patents on Said Inventions pursuant to the International Convention for the Protection of Industrial

Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on Said Inventions in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee, to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by the Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the parties (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering Said Inventions; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving Said Inventions; and (f) for legal proceedings involving Said Inventions and any applications therefore and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignor, its successors, assigns and other legal representatives.

4. Said Assignor hereby warrants and represents that the Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee as of the date written below.

ASSIGNOR NAME

By: Pyramyth Liu
Pyramyth Liu
CEO of Zeus Communications Inc.

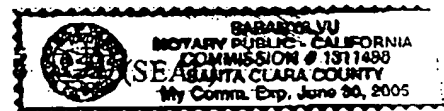
Date: May 6, 2003

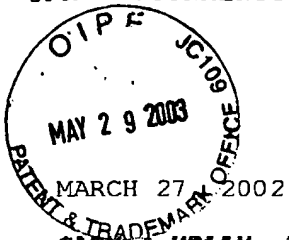
STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

On this 6th day of May, in the year 2003, before me, Shiranna V. Vlahopoulos personally appeared Pyramyth Liu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Shiranna V. Vlahopoulos





UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

PTAS

MARCH 27 2002

CARY & KELLY, LLP
CHARLES C. CARY
1875 CHARLESTON ROAD
MOUNTAIN VIEW, CA 94043

***700011656A* RECEIVED**

700011656A

MAY 30 2003

Technology Center 2100

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2002

REEL/FRAME: 012522/0071
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZHU, MICHAEL

DOC DATE: 03/26/2002

ASSIGNEE:

ZEUS COMMUNICATIONS, INC.
441A WEST TRIMBLE ROAD
SAN JOSE, CALIFORNIA 95131

SERIAL NUMBER: 09863550
PATENT NUMBER:FILING DATE: 05/22/2001
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
a) Michael Zhu
- 2. Name and address of receiving party(ies):
a) Name: ZEUS Communications, Inc.
Address: 441A West Trimble Road
San Jose, CA 95131

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: March 26, 2002

- 4. Application Number(s) or Patent Number(s): 09/863,550

Filed: May 22, 2001

The title of the (new) application is: **METHOD AND APPARATUS FOR WEB CACHING**

- 5. Please send all correspondence concerning this (these) documents to:

CARY & KELLY, LLP
1875 Charleston Road
Mountain View, CA, 94043
Telephone (650) 316-4011

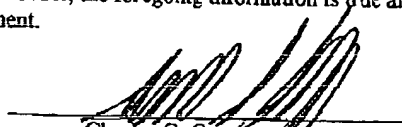
- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- The Commissioner is hereby authorized to charge the above fees and any overpayments or credits to Deposit Account No. 50-1338 (Order No. ZEUSP002)

- 8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: March 26, 2002



 Charles C. Cary
 Registration No. 36,764

ASSIGNMENT OF PATENT APPLICATION

(After Filing Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND APPARATUS FOR WEB CACHING

(Atty. Docket No.: **ZEUSP002**) for which I (we) have executed an application for a United States Letters Patent filed on **May 22, 2001** and allocated USSN **09/863,550**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **ZEUS COMMUNICATIONS, INC.**, a California corporation having a place of business at **441A West Trimble Road, San Jose, CA 95131**, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Assignors hereby grant assignee or assignee's designee the right to insert the U.S. Patent Application number and filing date where space is provided above at any time subsequent to the date of the assignor's signature below.

Signed on the date(s) indicated beside my (our) signature(s).

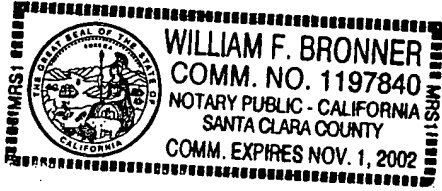
1. Inventor Signature: *[Signature]* Date: 3/26/02
Michael Zhu

State of California)
County of SANTA CLARA) SS.

On this 26 day of MARCH, in the year 2002, before me, ~~WILLIAM F. BRONNER, NOTARY PUBLIC~~ personally appeared **Michael Zhu**, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/her authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *William F. Bronner* (SEAL)
WILLIAM F. BRONNER





2/31

PTO/SB/21 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/863,550	RECEIVED MAY 30 2003 Technology Center 2700
	Filing Date	05/22/01	
	First Named Inventor	Michael Zhu	
	Art Unit	2131	
	Examiner Name	Hayes, Gail O.	
Total Number of Pages in This Submission	5	Attorney Docket Number	PNTRD-01002

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Statement under 37 CFR 3.73(b), Copy of Recorded Assignment, Copy of New Assignment and a Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Law Offices of Derek J. Westberg
Signature	<i>[Signature]</i> (Res. No. 40,872)
Date	May 21, 2003

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on this date: <u>May 21, 2003</u>	
Typed or printed	Daniel Patoff
Signature	<i>[Signature]</i>
Date	May 21, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.